

NEW DELUXE INVERTER AERO SERIES AIR CONDITIONER

AERO SLIM DESIGN

The AERO SLIM design features sleek lines and graceful curves while the lustrous pearl finishing and chrome escutcheon exude a sense of luxury.

AEROWINGS are flexible twin flaps that can direct and concentrate airflow to cool an area effectively. These flaps are able to channel and concentrate cool air upwards, which showers down over the room for gentle and even coolness – SHOWER COOLING.

AEROWINGS WITH FLEXIBLE TWIN FLAPS



AEROWINGS can cool you in two ways :

DIRECT COOLING



FAST COOLING

AEROWINGS twin flaps angle downwards to deliver concentrated airflow to cool you instantly at start up.

Please refer to Pg05

INDIRECT COOLING



SHOWER COOLING

AEROWINGS angles upwards to spread cool air over a wider area, then showers down gently and evenly across the room after reaching the set temperature.

Please refer to Pg06



SLIM & SLEEK OUTLINE

- 37mm slimmer than previous models.



LUSTROUS PEARL FINISHING

- Classy tone with a soft, pearly glow.
- Chrome escutcheon with a sense of luxury.

ENERGY SAVINGS

Saves energy by alternating compressor speed.



**CARES FOR
YOUR PEACE
OF MIND**



- Stay Comfortable While Saving Energy
- Precise Temperature Control
- Save On Electricity Bills

INTELLIGENT ECO SENSORS

ECONAVI

Enjoy Ultimate Comfort With Energy Savings

ECONAVI has two sensors – Human Activity Sensor and Sunlight Sensor. Together, they monitor human location, movement, absence, and sunlight intensity to use energy more efficiently.

ECONAVI SAVES YOU ENERGY BECAUSE IT SENSES:



AREA SEARCH

Where you are.



ABSENCE DETECTION

When you leave the room.



ACTIVITY DETECTION

When you are less active.



SUNLIGHT DETECTION

Whether it's a sunny day or at night.



TEMPERATURE WAVE

Adapts rhythmic temperature control after detecting low activity level.

AIR PURIFICATION SYSTEM

Purifies air down to PM2.5.



**CARES FOR
YOUR
WELLBEING**



• Fresher
And Cleaner Air



Breathe Fresh & Clean

For overall wellbeing, Panasonic Air Conditioners feature an advanced air purification system called nanoe-G, which releases active ions that attach to particles as small as PM2.5.

How nanoe-G works:



1 REMOVES AIRBORNE PARTICLES (Up to 99%^{*1,2})

Removes airborne particles, even down to PM2.5¹. These particles² include bacteria, viruses and mould.

^{*1 & 2} Please refer to Pg19

2 DEACTIVATES ADHESIVE PARTICLES & DEODORISES ADHESIVE ODOURS (Up to 99%)

Deactivates adhesive micro-organisms and deodorises adhesive odours. Inhibits mould growth that settles on surfaces around you.

3 IN-FILTER DEACTIVATION (Up to 99%^{*3})

Deactivates bacteria and viruses trapped in the filter.

^{*3} Please refer to Pg20

PRODUCT LINE-UP

WALL-MOUNTED : DELUXE **INVERTER** Single-Split Type



CS-S9TKZW | CS-S12TKZW



Wireless



Wired (Optional)



CS-S18TKZW | CS-S24TKZW | CS-S28TKZ



Wireless



Wired (Optional)

SPECIFICATIONS

MODEL			Cooling): Outdoor Unit				
			CS-S9TKZW [CU-S9TKZ]	CS-S12TKZW [CU-S12TKZ]	CS-S18TKZW [CU-S18TKZ]	CS-S24TKZW [CU-S24TKZ]	CS-S28TKZ [CU-S28TKZ]
Cooling Capacity	(min-max)	kW	2.50 [0.84-3.20]	3.23 [0.92-4.00]	5.20 [1.10-6.00]	6.00 [1.12-7.10]	6.90 [1.15-8.50]
	(min-max)	Btu/h	8,530 [2,860-10,900]	11,000 [3,140-13,600]	17,700 [3,750-20,500]	20,500 [3,820-24,200]	23,500 [3,920-29,000]
COP	(min-max)	W/W	3.91 [3.73-3.68]	3.65 [3.54-3.51]	3.69 [3.79-3.59]	3.57 [3.50-3.51]	3.40 [3.29-3.15]
EER	(min-max)	Btu/hW	13.33 [12.71-12.53]	12.43 [12.08-11.93]	12.55 [12.93-12.28]	12.20 [11.94-11.98]	11.58 [11.20-10.74]
Weighted COP		W/W	4.02	4.11	4.12	4.00	3.88
Electrical Data	Voltage	V	220-240				
	Current	A	3.3-3.1	4.2-3.9	6.7-6.2	7.8-7.4	9.6-9.0
	Power Input (min-max)	W	640 [225-870]	885 [260-1,140]	1,410 [290-1,670]	1,680 [320-2,020]	2,030 [350-2,700]
Moisture Removal		L/h	1.5	1.8	2.9	3.3	3.9
		(Pt/h)	3.2	3.8	6.1	7.0	8.2
Air Circulation	Indoor	m ³ /min [ft ³ /min]	9.9 [350]	10.7 [380]	19.3 [680]	20.3 [715]	21.2 [750]
	Outdoor	m ³ /min [ft ³ /min]	21.6 [760]-24.9 [880]	31.0 [1,095]-31.6 [1,115]	35.0 [1,235]-36.2 [1,280]	47.0 [1,660]-47.0 [1,660]	48.6 [1,715]-51.9 [1,830]
Noise Level	Indoor (H / L / Q-Lo)	dB [A]	36/26/23	38/28/25	45/36/33	46/37/34	47/37/34
	Outdoor (H / L)	dB [A]	[46]-[47]	[47]-[48]	[49]-[50]	[49]-[50]	[52]-[53]
Dimensions	Height	mm	295 [511]	295 [542]	302 [619]	302 [695]	302 [795]
		inch	11-5/8 [20-1/8]	11-5/8 [21-11/32]	11-29/32 [24-3/8]	11-29/32 [27-3/8]	11-29/32 [31-5/16]
	Width	mm	919 [650]	919 [780]	1,120 [824]	1,120 [875]	1,120 [875]
		inch	36-3/16 [25-19/32]	36-3/16 [30-23/32]	44-1/8 [32-15/32]	44-1/8 [34-15/32]	44-1/8 [34-15/32]
Depth	mm	199 [230]	199 [289]	241 [299]	241 [320]	241 [320]	
	inch	7-27/32 [9-1/16]	7-27/32 [11-13/32]	9-1/2 [11-25/32]	9-1/2 [12-5/8]	9-1/2 [12-5/8]	
Net Weight	Indoor	kg [lb]	9 [20]	9 [20]	12 [26]	12 [26]	12 [26]
	Outdoor	kg [lb]	21 [46]	29 [64]	36 [79]	40 [88]	62 [137]
Refrigerant Pipe Diameter	Liquid Side	mm	ø 6.35				
		inch	1/4				
	Gas Side	mm	ø 9.52	ø 12.70		ø 15.88	
		inch	3/8	1/2		5/8	
Pipe Extension	Chargeless Pipe Length	m	7.5		10		
	Maximum Pipe Length	m	15		30	20	30
	Maximum Elevation Length	m	5		20	15	20
	Additional Refrigerant Gas*	g/m	15		20		
Power Supply			Outdoor				

Caution For CS-S9/S12/S18/S24TKZW/S28TKZ (Important) Please do not use copper pipes that are less than 0.6mm in thickness.
 *When pipes are not extended from the chargeless pipe length, the required amount of refrigerant is already in the unit.